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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/071,496	03/01/2002	Brian Chess	NetLedger 709	7530
7590	03/10/2005			
Robert Moll 1173 St. Charles Court Los Altos, CA 94024				
EXAMINER				
GOLD, AVI M				
ART UNIT				
PAPER NUMBER				

2157

DATE MAILED: 03/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/071,496	CHESS ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Avi Gold	2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 01 March 2002.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☒ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. _____  |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>1/8/04</u> .  | 6) <input type="checkbox"/> Other: _____                                    |

### **DETAILED ACTION**

This action is responsive to the application filed March 1, 2002. Claims 1-7 are pending. Claims 1-7 represent client-side caching of pages with changing content.

### ***Oath/Declaration***

1. The oath or declaration is defective. A new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing date is required. See MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because:

It is not included with the application.

### ***Specification***

2. The disclosure is objected to because it contains an embedded hyperlink and/or other form of browser-executable code. Applicant is required to delete the embedded hyperlink and/or other form of browser-executable code. See MPEP § 608.01.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States

only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-7 are rejected under 35 U.S.C. 102(e) as being anticipated by Rangarajan et al., U.S. Patent No. 6,510,439.

Rangarajan teaches the invention as claimed including a method and system for providing coherency between files in a group of files retrieved over an Internet connection (see abstract).

Regarding claim 1, Rangarajan teaches a client-side caching system, comprising:

a client for issuing a request based on user selection for a resource on a server (col. 4, lines 41-47, Rangarajan discloses a client requesting a document through a server); and

a server for sending a response including a cookie and script, wherein the cookie value represents the last version of the resource, and the script appends the cookie to the request for a resource and the client automatically requests the resource with the appended cookie value so that if the most recent version of the resource is in the client cache, the resource is retrieved from client cache rather than from the server, and if not, is retrieved from the server (col. 7, lines 8-16, Rangarajan discloses a cookie and script sent to a client; col. 7, lines 31-44, col. 9, line 65 – col. 10, line 11, Rangarajan discloses a client making requests, the cookie being updated, and the cookie having stored data within it).

Regarding claim 2, Rangarajan teaches the client-side caching system of claim 1, wherein the resource is a web page, the resource is located at a URL, and the client is a web browser with a browser cache (col. 7, lines 8-16, Rangarajan discloses that the resource is located at a URL and that the cookie is sent back and stored on the web browser).

Regarding claim 3, Rangarajan teaches the client-side caching system of claim 1, wherein the response includes a non-displayed relatively small page and the cookie is in a response header and the script is in the entity body of the response (col. 7, lines 31-44, col. 9, line 65 – col. 10, line 11).

Regarding claim 4, Rangarajan teaches the client-side caching system of claim 1, wherein the script that appends the cookie to the request is embedded in a displayed page (col. 7, lines 31-44, col. 9, line 65 – col. 10, line 11).

Regarding claim 5, Rangarajan teaches a server for a client-side caching system, comprising:

a server for receiving a client request for a resource, updating a database, creating and inserting a cookie and a script in a response, wherein the cookie value represents the last version of the resource, the script appends the cookie value to the request for a resource such that the client automatically re-requests the resource with the appended cookie value so that if the most recent version of the resource is in the

client cache, the resource is retrieved from client cache rather than from the server, and if not, the resource is retrieved from the server (col. 7, lines 8-44, col. 9, line 65 – col. 10, line 11).

Regarding claim 6, Rangarajan teaches the server of claim 3, wherein the server includes a web server for listening to requests, the resource is a web page, and an application server for creating the cookie and inserting the cookie into response header and inserting the script into the entity body of the response (col. 7, lines 8-16, lines 31-44, col. 9, line 65 – col. 10, line 11).

Regarding claim 7, Rangarajan teaches a server-side caching system, comprising: a server programmed for receiving client requests, updating a database, and generating a response and determining a cookie value for cache control, wherein the server sets the cookie value by determining the last modified time of each page in the same class as the page which is the subject of the request, and sets the cookie value to the maximum value of the last modified times (col. 7, lines 31-44, col. 9, line 65 – col. 10, line 11).

### ***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Pat. No. 6,834,294 to Katz

U.S. Pat. No. 6,757,705 to Pardikar et al.

U.S. Pat. No. 6,327,608 to Dillingham

U.S. Pat. No. 6,785,769 to Jacobs et al.

U.S. Pat. No. 6,226,642 to Beranek et al.

U.S. Pat. No. 6,178,461 to Chan et al.

U.S. Pat. No. 6,026,474 to Carter et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Avi Gold whose telephone number is 571-272-4002. The examiner can normally be reached on M-F 8:00-5:30 (1st Friday Off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 571-272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

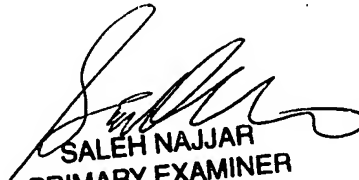
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Avi Gold

Patent Examiner

Art Unit 2157

AMG

  
SALEH NAJJAR  
PRIMARY EXAMINER